

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
210121.427C11APPLICATION NO.
09/483,672

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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
Jiangchun Xu et al.

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NOV 02 2000

FILING DATE
January 14, 2000GROUP ART UNIT 1631
1644 DEC 21 2000

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
msy	AA	5,786,148	07/28/98	Bandman et al.	435	6	11/5/1996

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
msy	AB	DE 19649207	11/27/96	Germany	X
msy	AC	EP 317 141 A2	05/24/89	EPO	
msy	AD	EP 652 014 A1	5/10/95	EPO	
msy	AE	EP 936 270 A2	08/18/99	EPO	X
msy	AF	WO 93/14755	08/05/93	PCT	
msy	AG	WO 93/25224	12/23/93	PCT	
msy	AH	WO 94/09820	05/11/94	PCT	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

msy	AI	Ahn and Kunkel, "The structural and functional diversity of dystrophin," <i>Nature Genetics</i> 3: 283-291, April, 1993.
msy	AJ	Alexeyev et al., "Improved antibiotic-resistance gene cassettes and omega elements for <i>Escherichia coli</i> vector construction and in vitro deletion/insertion mutagenesis," <i>Gene</i> 160:63-67, 1995.
msy	AK	Berthon et al., "Predisposing gene for early-onset prostate cancer, localized on chromosome 1q42.2-43," <i>Am. J. Hum. Genet.</i> 62(6):1416-1424, June 1998.
msy	AL	Blok et al., "Isolation of cDNA that are differentially expressed between androgen-dependent and androgen-independent prostate carcinoma cells using differential display PCR," <i>The Prostate</i> 26:213-224, 1995.
msy	AM	Busselmakers et al., Genbank Accession No. AF103907, August 14, 2000.
msy	AN	Busselmakers et al., Genbank Accession No. AF103908, August 14, 2000.
msy	AO	Cawthon et al., "cDNA sequence and genomic structure of EVI2B, a gene lying within an intron of the neurofibromatosis type 1 gene," <i>Genomics</i> 9:446-460, 1991.

EXAMINER

Mg Moran

DATE CONSIDERED


11/2/01

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				APPLICANTS Jiangchun Xu et al.		NOV 02 2000 TECH CENTER 1600		
				FILING DATE January 14, 2000		GROUP ART UNIT 1644 / 63 /		
U.S. PATENT DOCUMENTS								
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY				TRANSLATION
								YES NO
msy	BA	WO 95/04548	02/16/95	PCT				
msy	BB	WO 95/14772	06/01/95	PCT (Cover page with English abstract only)				X
msy	BC	WO 95/30758	11/16/95	PCT				
msy	BD	WO 96/21671	07/18/96	PCT				
msy	BE	WO 97/33909	09/18/97	PCT				RECEIVED DEC 21 2000
msy	BF	WO 98/12302	03/26/98	PCT				TECH CENTER 1600
msy	BG	WO 98/17687	04/30/98	PCT				
msy	BH	WO 98/20117	05/14/98	PCT				
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
msy	BI	Chu et al., "CpG oligodeoxynucleotides act as adjuvants that switch on T helper 1 (Th1) immunity," <i>J. Exp. Med.</i> 186(10): 1623-1631, November 17, 1997.						
msy	BJ	Coleman et al., <i>Fundamental Immunology</i> , Wm. C. Brown Publishers, Dubuque, Iowa, 1989, pp. 465-466.						
msy	BK	Database EMBL Accesion No. AA453562, June 11, 1997, Hillier et al., "Homo sapiens cDNA clone 788180."						
msy	BL	Derwent Geneseq Database, Accession No. V58522, December 8, 1998.						
msy	BM	Derwent Geneseq Database, Accession No. V61287, January 6, 1999						
msy	BN	Duerst and Nees, "Nucleic acid characteristic of late or early passage cells immortalized by papilloma virus-and related polypeptide(s) and antibodies, used for diagnosis and treatment of cervical cancer and assessing potential for progression of cervical lesions," Derwent World Patent Index, Accession No. 1998-121623, 1998. See also German Patent DE 19649287 Cl. Abstract only.						
msy	BO	El-Shirbiny, "Prostatic Specific Antigen, <i>Advances In Clinical Chemistry</i> 31:99-133, 1994.						
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY				TRANSLATION
								YES NO
msy	CA	WO 98/31799	07/23/98	PCT				—
msy	CB	WO 98/37093	08/27/98	PCT				—
msy	CC	WO 98/37418	08/27/98	PCT				—
msy	CD	WO 98/38310	09/03/98	PCT				—
msy	CE	WO 98/39446	09/11/98	PCT				—
msy	CF	WO 98/45435	10/15/98	PCT				—
msy	CG	WO 98/50567	11/12/98	PCT				—
msy	CH	WO 99/06548	02/11/99	PCT				—
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
msy	CI	Ezzell, C., "Cancer vaccines: an idea whose time has come?" <i>The Journal of NIH Research</i> 7:46-49, January, 1995.						
msy	CJ	Hara et al., "Characterization of cell phenotype by a novel cDNA library subtraction system: expression of CD8 α in a mast cell-derived interleukin-4-dependent cell line," <i>Blood</i> 84(1):189-199, July 1, 1994.						
msy	CK	Harris et al., "Polycystic Kidney Disease 1: identification and analysis of the primary defect," <i>J. Am. Soc. of Nephrol.</i> 6:1125-1133, 1995.						
msy	CL	Hillier et al., Genbank Accession No. AA100799, December 23, 1997.						
msy	CM	Hillier et al., Genbank Accession No. R20590, April 18, 1995.						
msy	CN	Hudson, T., Genbank Accession No. G22461, May 31, 1996.						
msy	CO	Kroger, B. "New serine protease form human prostate, useful for identifying specific inhibitors, antibodies and probes," Derwent World Patent Index, Accession No. 99-432218, 1999. See also European Patent EP 936 270 A2. Abstract only.						
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		DOCUMENT NUMBER	DATE	COUNTRY				TRANSLATION
								YES NO
msm	DA	WO 99/06552	02/11/99	PCT				—
msm	DB	WO 99/25825	05/27/99	PCT				—
msm	DC	WO 99/31236	06/24/99	PCT				—
	DD							
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
msm	DE	Lalvani et al., "Rapid effector function in CD8 ⁺ memory cells," <i>J. Exp. Med.</i> 186(6):859-865, September 15, 1997.						
msm	DF	National Cancer Institute, Cancer Genome Anatomy Project (NCI-CGAP), Genbank Accession No. AA551449, September 5, 1997.						
msm	DG	National Cancer Institute, Cancer Genome Anatomy Project (NCI-CGAP), Genbank Accession No. AA551759, August 11, 1997.						
msm	DH	National Cancer Institute, Cancer Genome Anatomy Project (NCI-CGAP), Genbank Accession No. AA631143, October 31, 1997.						
msm	DI	National Cancer Institute, Cancer Genome Anatomy Project (NCI-CGAP), Genbank Accession No. AA653016, November 25, 1997.						
	DJ	Nelson et al., Genbank Accession No. NP 004908, March 18, 2000.						
msm	DK	Robson et al., "Identification of prostatic adrogen regulated genes using the differential display technique," <i>Proceeding of the American Association for Cancer Research Meeting</i> 86, 36: p.266, Abstract No. 1589, 1995.						
msm	DL	Schena et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes," <i>Proc. Natl. Acad. Sci. USA</i> 93(19):10614-10619, September 17, 1996. <i>October 1</i>						
msm	DM	Sherman et al., "Selecting T cell receptors with high affinity for self-MHC by decreasing the contribution of CD8," <i>Science</i> 258(5083):815-818, October 30, 1992.						
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msm				11/2/01				
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EA							
EB							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION		
					YES	NO	
EC							
OTHER PRIOR ART <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
msm	EF	Short et al., "λ ZAP: a bacteriophage λ expression vector with <i>in vivo</i> excision properties," <i>Nucleic Acids Research</i> 16(15):7583-7600, 1988.					
msm	EG	Sjögren, H., "Therapeutic Immunization Against Cancer Antigens Using Genetically Engineered Cells," <i>Immunotechnology</i> 3: 161-172, 1997.					
msm	EH	Smith et al., "Major susceptibility locus for prostate cancer on chromosome 1 suggested by a genome-wide search," <i>Science</i> 274(5291), 1371-1374, November 22, 1996.					
msm	EI	Theobald, et al., "Targeting p53 as a general tumor antigen," <i>Proc. Natl. Sci. USA</i> 92(25):11993-11997, December 5, 1995.					
msm	EJ	Tusnady and Simon, "Principles governing amino acid compositions of integral membrane proteins: application to topology prediction," <i>J. Mol. Biol.</i> 283(2):489-506, October 23, 1998.					
msm	EK	Van Tsai et al., "In vitro immunization and expansion of antigen-specific cytotoxic T lymphocytes for adoptive immunotherapy using peptide-pulsed dendritic cells," <i>Critical Reviews in Immunology</i> 18:65-75, 1998.					
msm	EL	Vasmatzis et al., "Discovery of three genes specifically expressed in human prostate by expressed sequence tag database analysis," <i>Proc. Natl. Acad. Sci. USA</i> 95(1):300-304, January 6, 1998.					
msm	EM	Yee et al., "Isolation of tyrosinase-specific CD8 ⁺ and CD4 ⁺ T cell clones from the peripheral blood of melanoma patients following in vitro stimulation with recombinant vaccinia virus," <i>The Journal of Immunology</i> 157(9):4079-4086, November 1, 1996.					
msm	EN	Zitvogel et al., "Eradication of Established Murine Tumors Using a Novel Cell-Free Vaccine: Dendritic Cell-Derived Exosomes," <i>Nature Medicine</i> 4(5): 594-600, May, 1998.					
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